

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number  
**WO 2005/079988 A1**

(51) International Patent Classification<sup>7</sup>: **B01L 3/02**  
(21) International Application Number:  
PCT/FI2005/000116  
(22) International Filing Date: 24 February 2005 (24.02.2005)  
(25) Filing Language: English  
(26) Publication Language: English  
(30) Priority Data:  
20040292 25 February 2004 (25.02.2004) FI

(71) Applicant (for all designated States except US):  
**THERMO ELECTRON OY** [FI/FI]; Ratastie 2 (PL  
100), FI-01620 VANTAA (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TELIMAA, Juha**  
[FI/FI]; Kaartotie 33, FI-02230 JÄRVENPÄÄ (FI). **LIND,**  
**Mikael** [FI/FI]; Reiherintie 1, FI-00870 HELSINKI (FI).

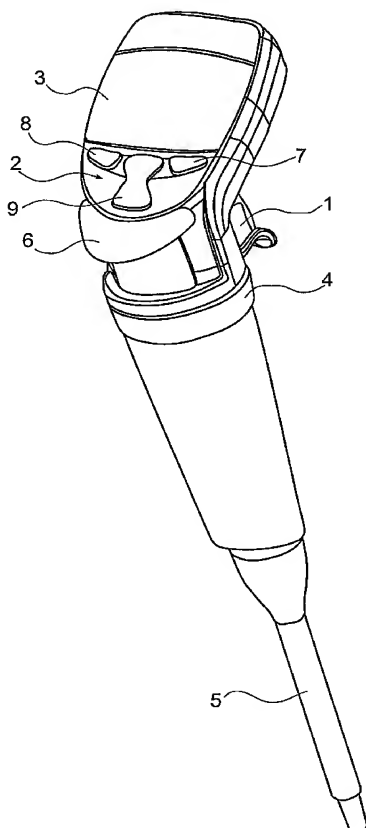
(74) Agent: **BERGGREN OY AB**; P.O. Box 16 (Jaakonkatu 3  
A), FI-00101 HELSINKI (FI).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(81) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: CALIBRATION PIPETTE



(57) Abstract: The invention concerns a calibration pipette comprising an actuated electronic display (3) and a calibration function. The calibration function is such that at least one real volume obtained with an indicated volume is input via a user interface into the control system and that the control system calculates calibration settings and stores them in a memory, by means of which settings the stroke length of the piston or the volume indicated on the display is corrected so that the volume indicated on the display equals the real dosing volume.

WO 2005/079988 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*